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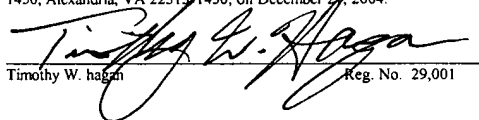
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants : Bai et al.
Serial No. : 10/618,220
Filed : July 11, 2003
Title : **METHODS FOR FILLING HIGH ASPECT RATIO TRENCHES IN SEMICONDUCTOR LAYERS**
Docket : MIO 0109 PA/40509.247
Examiner : Renzo Rocchegiani
Art Unit : 2825

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 21, 2004.


Timothy W. Hagan Reg. No. 29,001

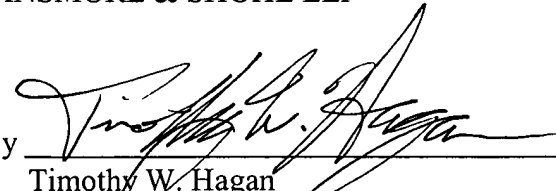
Sir:

NOTICE OF APPEAL

Applicants hereby appeal to the Board of Patent Appeals and Interferences from the final rejection mailed September 21, 2004, in which claims 1-29 were rejected. Enclosed is our check in the amount of \$ 500.00 which includes the fee for a Notice of Appeal under 37 C.F.R. §1.17(b).

Respectfully submitted,

DINSMORE & SHOHL LLP

By 
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TWH/ems

DEC 23 2004

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 500.00

Complete if Known

Application Number 10/618,220
Filing Date July 11, 2003
First Named Inventor Jingyi Bai
Examiner Name Renzo Rocchegiani
Art Unit 2825
Attorney Docket No. MIO 0109 PA/40509.247

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☐ Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☐ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☐ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	-0-
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims - 20 or HP = x = -0- **Fee Paid (\$)**
HP = highest number of total claims paid for, if greater than 20
Indep. Claims - 3 or HP = x = -0- **Fee Paid (\$)**
HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = / 50 = (round up to a whole number) x = **Fee Paid (\$)**

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Notice of Appeal

Fees Paid (\$)

\$500.00

SUBMITTED BY

Signature Timothy W. Hagan Registration No. 29,001 Telephone (937) 449-6400
(Attorney/Agent)
Name (Print/Type) Timothy W. Hagan Date December 21, 2004

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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